AUTODOC CLUB

How to change front brake discs on **Audi A4 B5 Avant** – replacement guide

VIDEO TUTORIAL

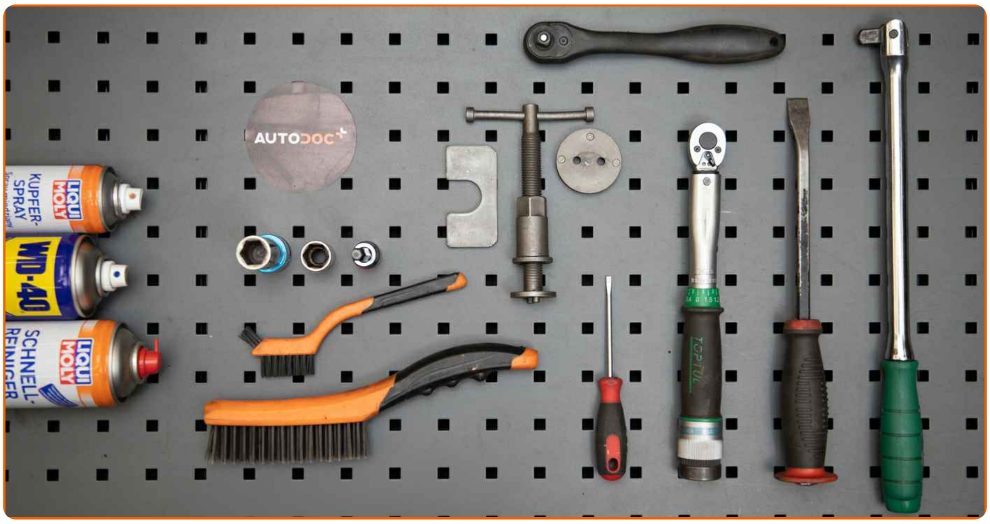


Important!

This replacement procedure can be used for:
AUDI 100 C4 Saloon (4A2) 2.6, AUDI 100 C4 Saloon (4A2) 2.8 E, AUDI 100 C4 Saloon (4A2) 2.6 quattro, AUDI 100 C4 Saloon (4A2) 2.8 E quattro, AUDI 100 C4 Avant (4A5) 2.6, AUDI 100 C4 Avant (4A5) 2.8 E, AUDI 100 C4 Avant (4A5) 2.6 quattro, AUDI 100 C4 Avant (4A5) 2.8 E quattro, AUDI A6 Saloon (4A2, C4) 2.5 TDI, AUDI A6 Avant (4A5, C4) 2.5 TDI, AUDI A4 Saloon (8D2, B5) 1.8 T, AUDI A4 Saloon (8D2, B5) 2.6, AUDI A4 Saloon (8D2, B5) 2.8, AUDI A4 Saloon (8D2, B5) 1.8 T quattro, AUDI A4 Saloon (8D2, B5) 2.6 quattro, (+ 128)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE DISCS – AUDI A4 B5 AVANT. TOOLS YOU'LL NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Copper grease
- HEX bit No.H7.
- Drive socket # 17
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Brake caliper wind back tool
- Flat Screwdriver
- Crow bar
- Tap wrench
- Wheel chock

BUY TOOLS

Replacement: brake discs – Audi A4 B5 Avant. AUTODOC recommends:

- Replace the brake disks on the car Audi A4 B5 Avant in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- All work should be done with the engine stopped.

REPLACEMENT: BRAKE DISCS – AUDI A4 B5 AVANT. RECOMMENDED SEQUENCE OF STEPS:

1 Open the bonnet. Unscrew the brake fluid reservoir cap.



2 Secure the wheels with chocks.



3 Loosen the wheel mounting bolts. Use wheel impact socket #17.



4 Raise the front of the car and secure on supports.



5 Unscrew the wheel bolts.



AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. Audi A4 B5 Avant

6 Remove the wheel.



7 Detach the brake caliper retaining spring. Use a flat screwdriver.



8 Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

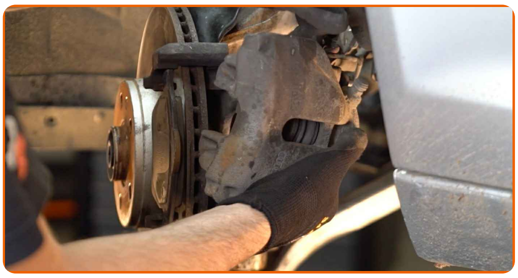
9 Unscrew the brake caliper fastening. Use HEX No.H7. Use a ratchet wrench.



10 Spread the brake pads. Use a crowbar.



11 Remove the brake caliper.



Replacement: brake discs – Audi A4 B5 Avant. Tip from AUTODOC experts:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

12 Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake discs – Audi A4 B5 Avant. After applying the spray, wait a few minutes.

13 Press in the brake caliper piston. Use brake caliper wind back tool.



14 Remove the brake pads.



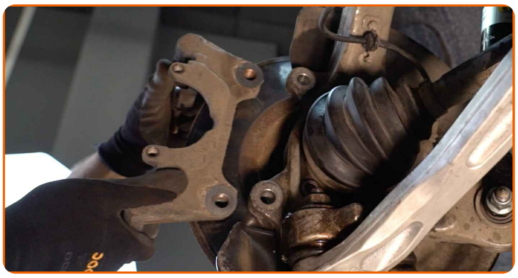
15 Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.

16 Unscrew the caliper bracket fastening. Use a drive socket #17. Use a ratchet wrench. Use a tap wrench.



17 Remove the fastening bolts (2 pieces).

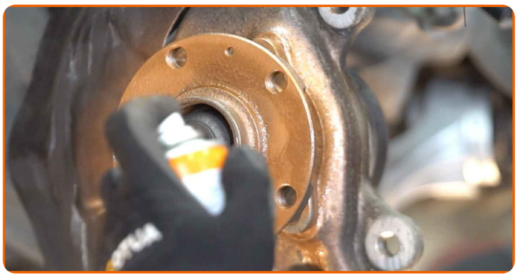
18 Remove the caliper bracket.



19 Remove the brake disc.



20 Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.



21 Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.



Replacement: brake discs – Audi A4 B5 Avant. Professionals recommend:

- After applying the spray, wait a few minutes.

22 Install the brake disc.



23 Install the brake caliper bracket.



24 Install the fastening bolts (2 pieces).

25 Tighten the brake caliper bracket. Use a drive socket #17. Use a torque wrench. Tighten it to 125 Nm torque.



26 Install the brake pads.



27.1 Install the brake caliper and fix it.



27.2 Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.



28 Install the brake caliper retaining spring. Use a flat screwdriver.



29 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



30 Clean the brake disk surface. Use a brake cleaner.



Replacement: brake discs – Audi A4 B5 Avant. Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

31 Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Audi A4 B5 Avant

32 Screw in the wheel bolts. Use wheel impact socket #17.



33 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 nm torque.



34

Remove the jacks and chocks.



Replacement: brake discs – Audi A4 B5 Avant. AUTODOC experts recommend:

- Check the brake fluid level in the expansion tank and refill if necessary.

35

Tighten the brake fluid reservoir cap. Close the hood.



AUTODOC recommends:

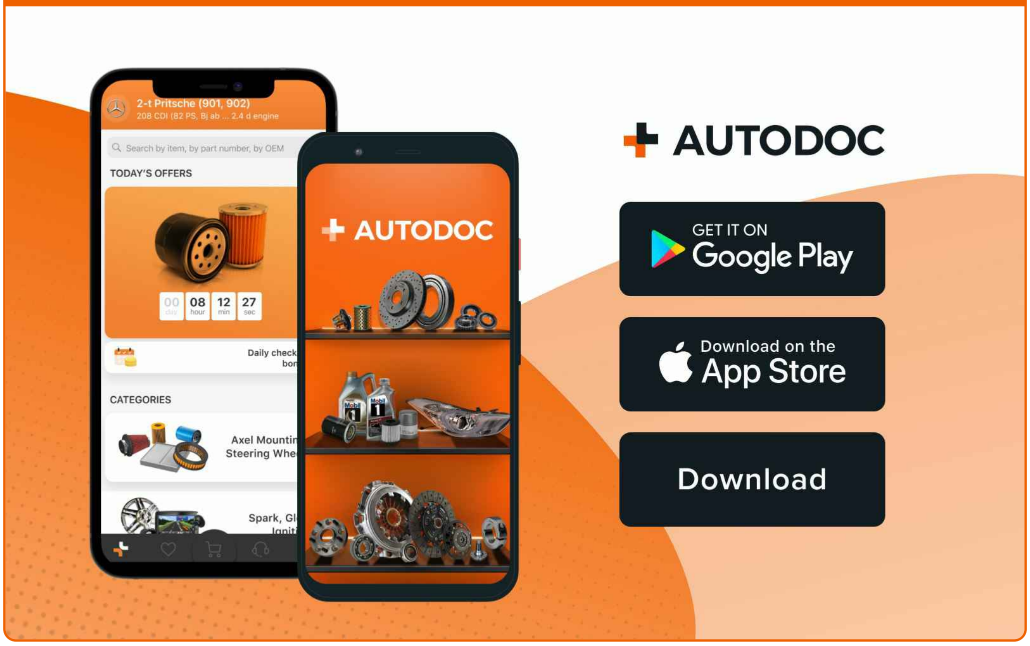
- Audi A4 B5 Avant – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

WELL DONE!

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